

SequenceListing.txt  
SEQUENCE LISTING

<110> TAKESHIMA, Seiji  
MATSUMURA, Tadanobu  
KISHIMOTO, Takahide  
OKA, Masanori  
HIRAYAMA, Noriaki

<120> MODIFIED PYRROLOQUINOLINE QUINONE (PQQ) DEPENDENT GLUCOSE DEHYDROGENASE  
EXCELLENT IN SUBSTRATE SPECIFICITY

<130> 251134

<150> PCT/JP2004/012508  
<151> 2004-08-31

<150> JP 2003-315797  
<151> 2003-09-08

<150> JP 2003-315799  
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<150> JP 2004-060283  
<151> 2004-03-04

<150> JP 2004-060282  
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<150> JP 2004-151905  
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<170> PatentIn version 3.1

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Phe Asp Lys Lys Val Ile Leu Ser Asn Leu Asn Lys Pro His Ala Leu  
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Leu Trp Gly Pro Asp Asn Gln Ile Trp Leu Thr Glu Arg Ala Thr Gly  
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Lys Ile Leu Arg Val Asn Pro Val Ser Gly Ser Ala Lys Thr Val Phe  
50 55 60

Gln Val Pro Glu Ile Val Ser Asp Ala Asp Gly Gln Asn Gly Leu Leu  
65 70 75 80

Gly Phe Ala Phe His Pro Asp Phe Lys His Asn Pro Tyr Ile Tyr Ile  
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 Gln Thr Ile Ile Arg Arg Tyr Thr Tyr Asn Lys Thr Thr Asp Thr Phe  
 115 120 125  
 Glu Lys Pro Ile Asp Leu Ile Ala Gly Leu Pro Ser Ser Lys Asp His  
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 145 150 155 160  
 Ile Gly Asp Gln Gly Arg Asn Gln Leu Ala Tyr Leu Phe Leu Pro Asn  
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 Gln Ala Gln His Thr Pro Thr Gln Gln Glu Leu Asn Ser Lys Asp Tyr  
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 195 200 205  
 Pro Lys Asp Asn Pro Ser Phe Asn Gly Val Val Ser His Ile Tyr Thr  
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Pro Thr Cys Gly Glu Met Ala Tyr Ile Cys Trp Pro Thr Val Ala Pro  
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Ile Lys Leu Asp Pro Thr Tyr Ser Thr Thr Leu Asp Asp Ala Ile Pro  
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SequenceListing.txt

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SequenceListing.txt

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SequenceListing.txt

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SequenceListing.txt

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<400> 79
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<210> 80
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SequenceListing.txt

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<220>  
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gaccaagggtc gtaatgCGgg agcttatctg ttcttaccg 39

SequenceListing.txt

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<400> 90
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<210> 91
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<220>
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<210> 92
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<400> 92
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<400> 93
gaccaagggtc gtaattcgcc agcttatctg ttcttaccg 39

<210> 94
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<400> 94
gcttttaca tctgaccaag gaccaaattc tgatgatg 38

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